

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012867.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 12:17
 Operator : YP\AJ
 Sample : 02213-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
 Quant Time: Jun 13 00:48:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.318	4947607	41.863 ug/ml
Spiked Amount 50.000		Recovery =	83.73%
Target Compounds			
1) T n-Nonane (C9)	2.750	151715	1.159 ug/mlm
2) T n-Decane (C10)	3.759	187922	1.407 ug/mlm
4) T n-Dodecane (C12)	5.743	226397	1.673 ug/mlm
6) T n-Tetradecane (C14)	7.530	229278	1.714 ug/mlm
7) T n-Hexadecane (C16)	9.126	226352	1.635 ug/mlm
8) T n-Octadecane (C18)	10.564	271647	1.908 ug/ml
10) T n-Eicosane (C20)	11.869	283589	2.062 ug/ml
11) T n-Heneicosane (C21)	12.480	255141	1.887 ug/ml
13) T n-Docosane (C22)	13.064	298574	2.230 ug/mlm
14) T n-Tetracosane (C24)	14.168	303573	2.309 ug/mlm
15) T n-Hexacosane (C26)	15.186	303838	2.390 ug/ml
16) T n-Octacosane (C28)	16.135	311996	2.538 ug/ml
17) T n-Tricontane (C30)	17.020	326121	2.642 ug/ml
18) T n-Dotriacontane (C32)	17.852	324336	2.681 ug/ml
19) T n-Tetratriacontane (C34)	18.636	287824	2.460 ug/ml
20) T n-Hexatriacontane (C36)	19.374	241092	2.140 ug/ml
21) T n-Octatriacontane (C38)	20.100	213631	1.918 ug/mlm
22) T n-Tetracontane (C40)	20.988	207864	1.884 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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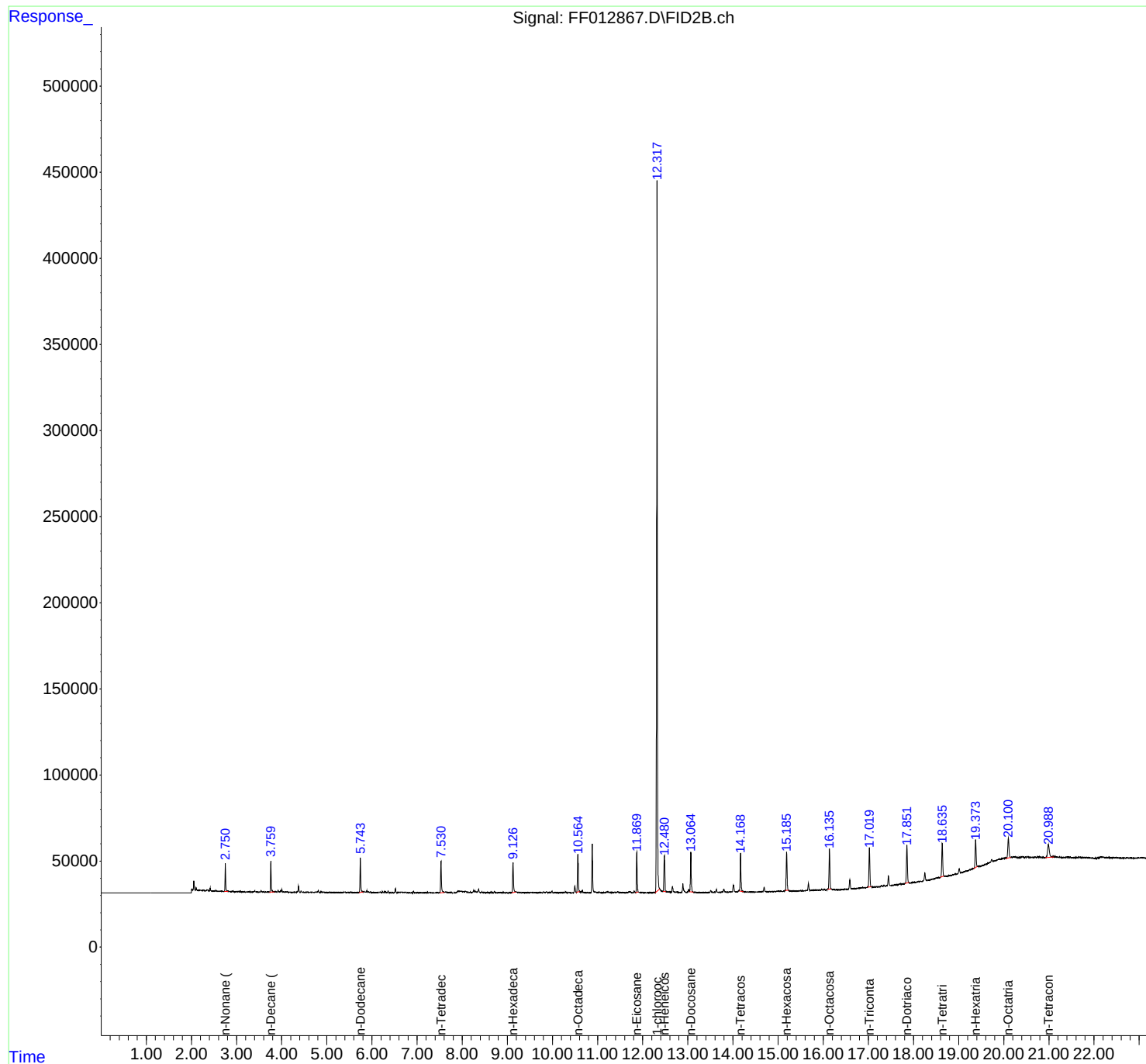
Instrument :
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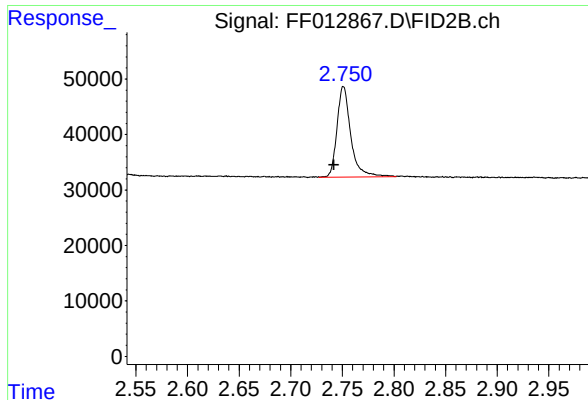
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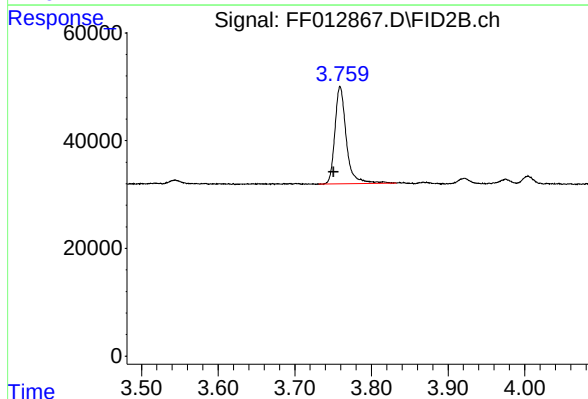
#1 n-Nonane (C9)

R.T.: 2.750 min
Delta R.T.: 0.008 min
Response: 151715
Conc: 1.16 ug/ml

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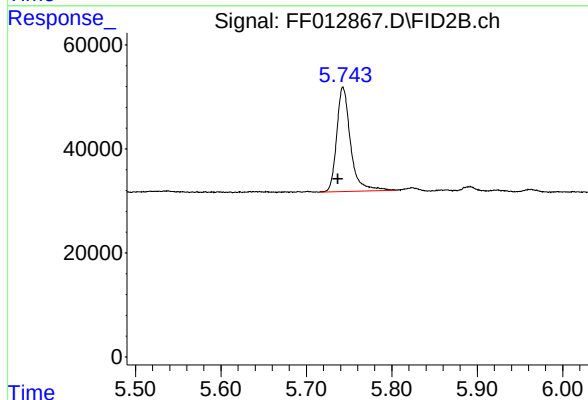
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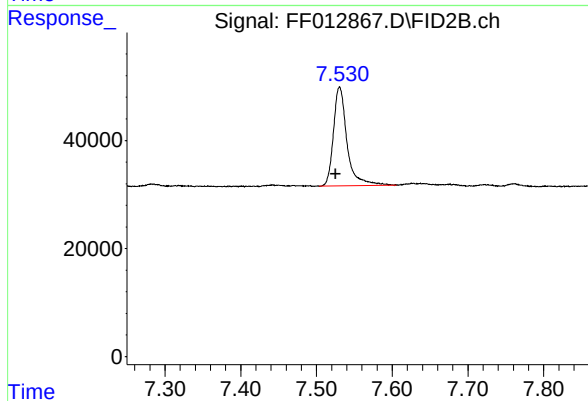
#2 n-Decane (C10)

R.T.: 3.759 min
Delta R.T.: 0.008 min
Response: 187922
Conc: 1.41 ug/ml m



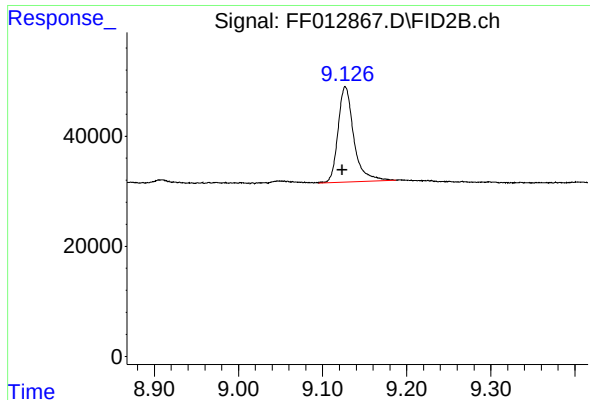
#4 n-Dodecane (C12)

R.T.: 5.743 min
Delta R.T.: 0.006 min
Response: 226397
Conc: 1.67 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.530 min
Delta R.T.: 0.005 min
Response: 229278
Conc: 1.71 ug/ml m



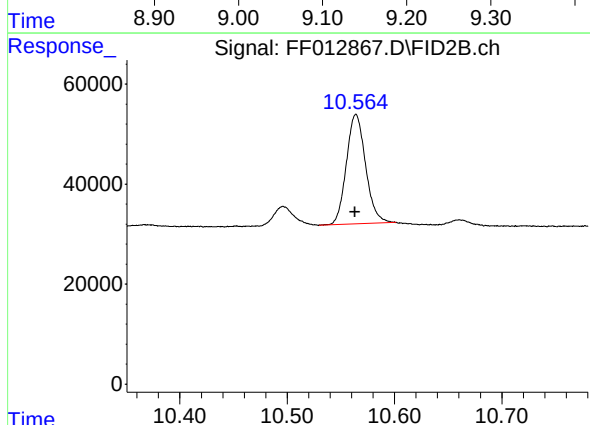
#7 n-Hexadecane (C16)

R.T.: 9.126 min
Delta R.T.: 0.003 min
Response: 226352
Conc: 1.64 ug/ml

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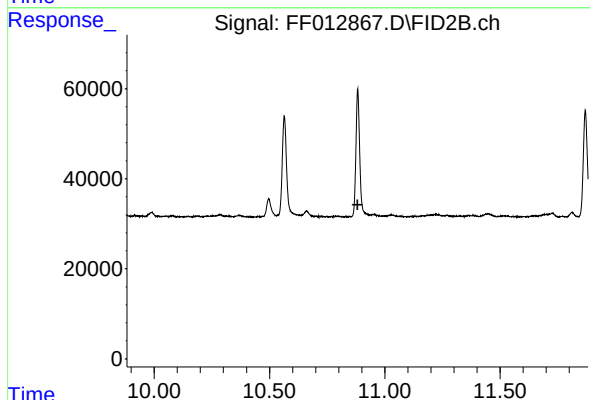
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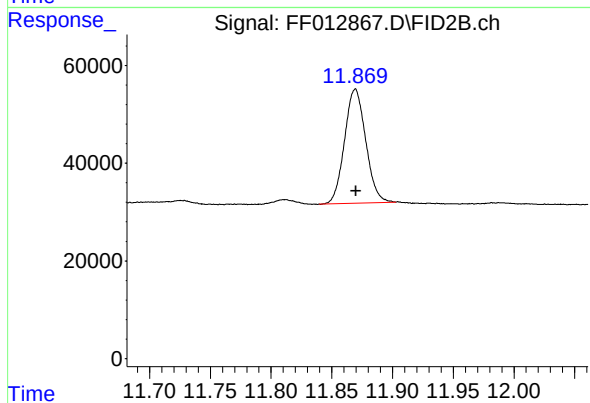
#8 n-Octadecane (C18)

R.T.: 10.564 min
Delta R.T.: 0.001 min
Response: 271647
Conc: 1.91 ug/ml



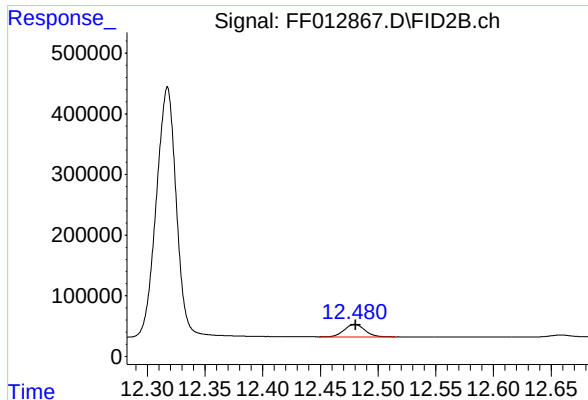
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.882 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.869 min
Delta R.T.: 0.000 min
Response: 283589
Conc: 2.06 ug/ml



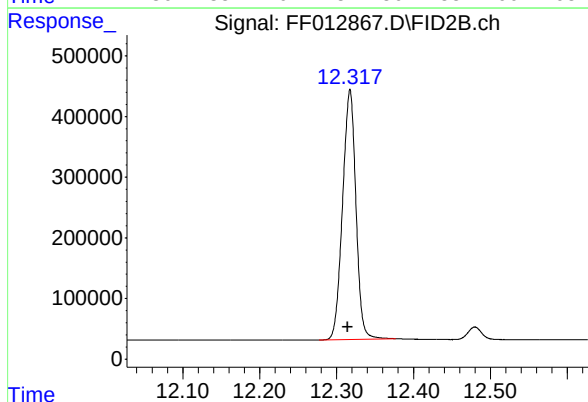
#11 n-Heneicosane (C21)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 255141
Conc: 1.89 ug/ml

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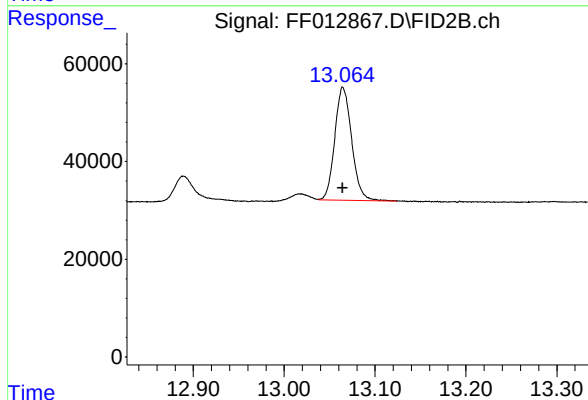
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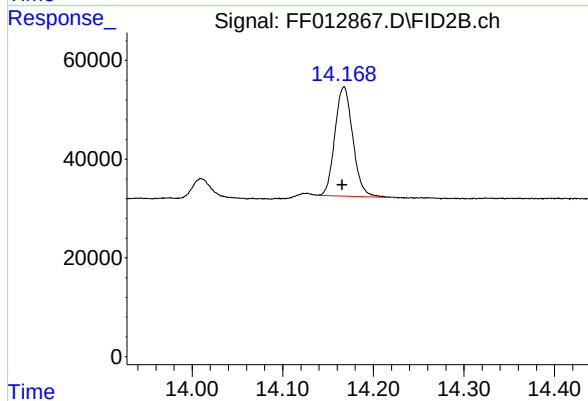
#12 1-chlorooctadecane (SURR)

R.T.: 12.318 min
Delta R.T.: 0.003 min
Response: 4947607
Conc: 41.86 ug/ml



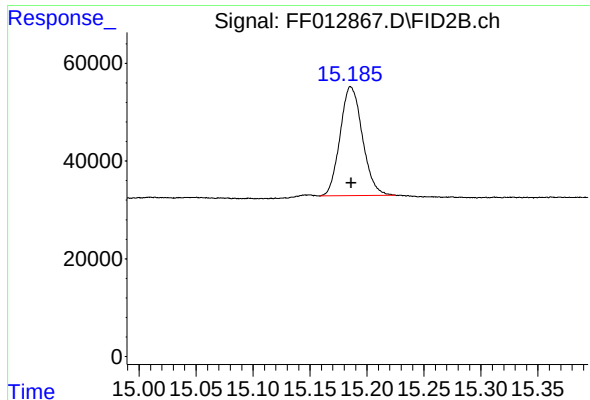
#13 n-Docosane (C22)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 298574
Conc: 2.23 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 303573
Conc: 2.31 ug/ml m



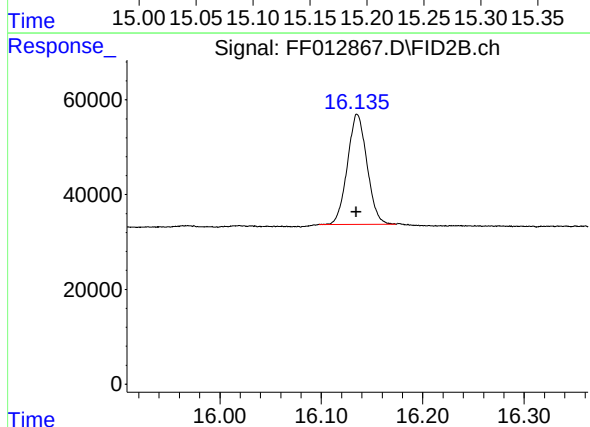
#15 n-Hexacosane (C26)

R.T.: 15.186 min
Delta R.T.: 0.000 min
Response: 303838
Conc: 2.39 ug/ml

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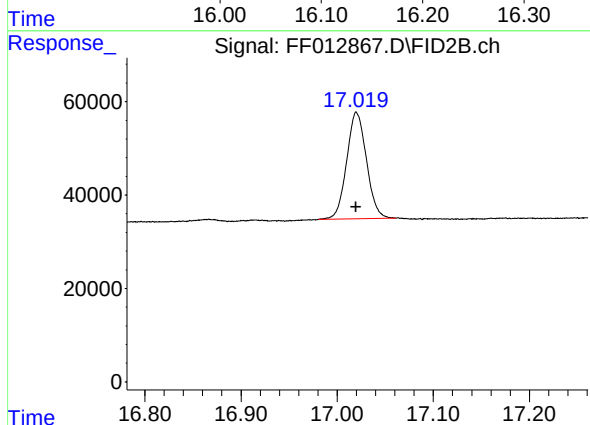
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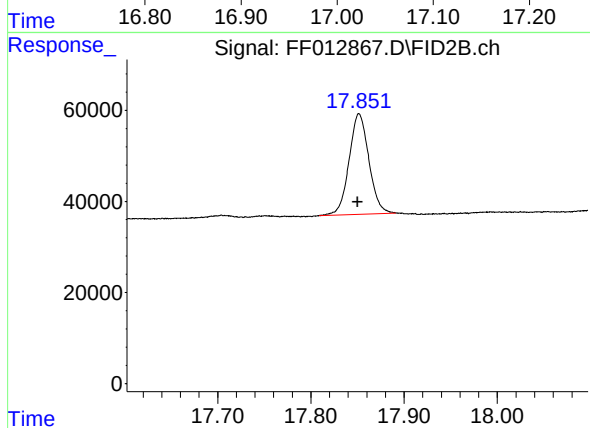
#16 n-Octacosane (C28)

R.T.: 16.135 min
Delta R.T.: 0.001 min
Response: 311996
Conc: 2.54 ug/ml



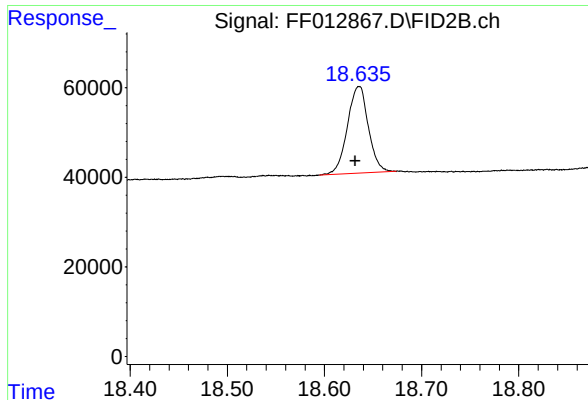
#17 n-Tricontane (C30)

R.T.: 17.020 min
Delta R.T.: 0.000 min
Response: 326121
Conc: 2.64 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.852 min
Delta R.T.: 0.002 min
Response: 324336
Conc: 2.68 ug/ml



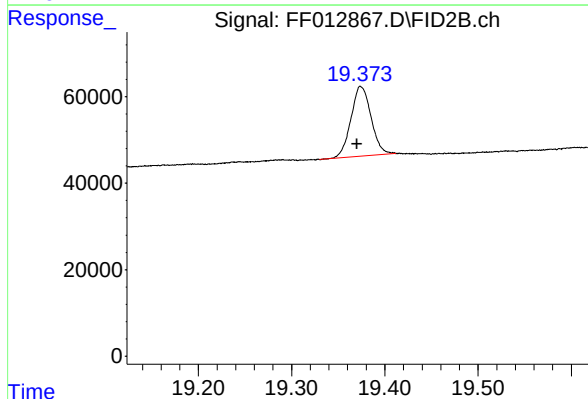
#19 n-Tetratriacontane (C34)

R.T.: 18.636 min
Delta R.T.: 0.004 min
Response: 287824
Conc: 2.46 ug/ml

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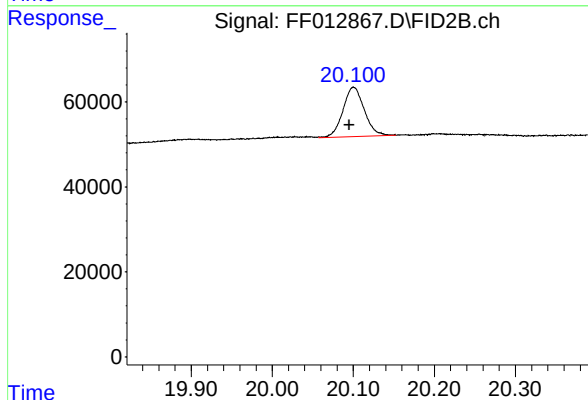
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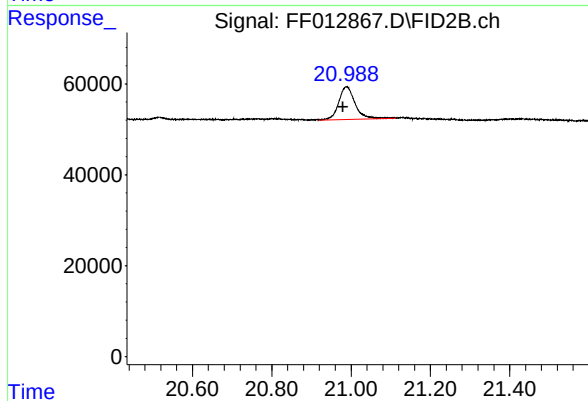
#20 n-Hexatriacontane (C36)

R.T.: 19.374 min
Delta R.T.: 0.004 min
Response: 241092
Conc: 2.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.100 min
Delta R.T.: 0.004 min
Response: 213631
Conc: 1.92 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.988 min
Delta R.T.: 0.008 min
Response: 207864
Conc: 1.88 ug/ml m